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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification of	f Transmittal of International Search Report		
HPD010WO	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.			
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/US 03/22412	14/07/2003	16/07/2002		
Applicant				
		·		
UNITED STATES FILTER CORPO	DRATION			
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth Insmitted to the International Bureau.	only and is transmitted to the applicant		
This International Search Report consists It is also accompanied by	of a total of 7 sheets. a copy of each prior art document cited in this	report.		
Basis of the report				
 With regard to the language, the i language in which it was filed, unle 	international search was carried out on the basi less otherwise indicated under this item.	is of the international application in the		
Authority (Tute 23.1(0)).	as carried out on the basis of a translation of th			
 With regard to any nucleotide and was carried out on the basis of the 	d/or amino acid sequence disclosed in the inte	emational application, the international search		
	nal application in written form.			
filed together with the inter	mational application in computer readable form	ı .		
furnished subsequently to	this Authority in written form.			
	this Authority in computer readble form.			
the statement that the sub international application as	sequently furnished written sequence listing do s filed has been furnished.	es not go beyond the disclosure in the		
the statement that the info furnished	rmation recorded in computer readable form is	identical to the written sequence listing has been		
2. Certain claims were four	nd unsearchable (See Box I).			
3. X Unity of Invention is lack	ding (see Box II).			
4. With regard to the title,				
If the text is approved as sul	omitted by the applicant.			
the text has been establish	ned by this Authority to read as follows:			
5. With recard to the abstract.		•		
	emitted by the applicant			
the text is approved as sub- the text has been establish within one month from the	anitied by the applicant. led, according to Rule 38.2(b), by this Authority date of mailing of this international search repo	as it appears in Box III. The applicant may,		
6. The figure of the drawings to be publis				
as suggested by the applic	-	X None of the figures.		
because the applicant faile		[==] Train of the rightes.		
=	characterizes the invention.			

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 03/22412

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable chalms.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8

A METHOD OF PROCESSING A MIXED-PHASED STREAM

2. claims: 9-20

method of treating grains

3. claims: 21-24

method of increasing heat transfer properties

INTERNATIONAL SEARCH REPORT

International Application No PCT/US 03/22412

A. CLASSI	FICATION OF SUBJECT MATTER		
IPC 7	FCATION OF SUBJECT MATTER F28F13/06 F26B3/00		
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Electropic d	ata base consulted during the international search (name of data ba		•
	_	se and, where practical, search terms used)	
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2 200100			
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"L" documen which is	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another	involve an inventive step when the doci	ment is taken alone
cuation	or other special reason (as specified)	Y document of particular relevance; the cla cannot be considered to involve an inve	entive stee when the
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	European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk		
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Bain, D	

INTERNATIONAL SEARCH REPURT

International Application No
PCT/US 03/22412

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